FIG. 1 (PRIOR ART)

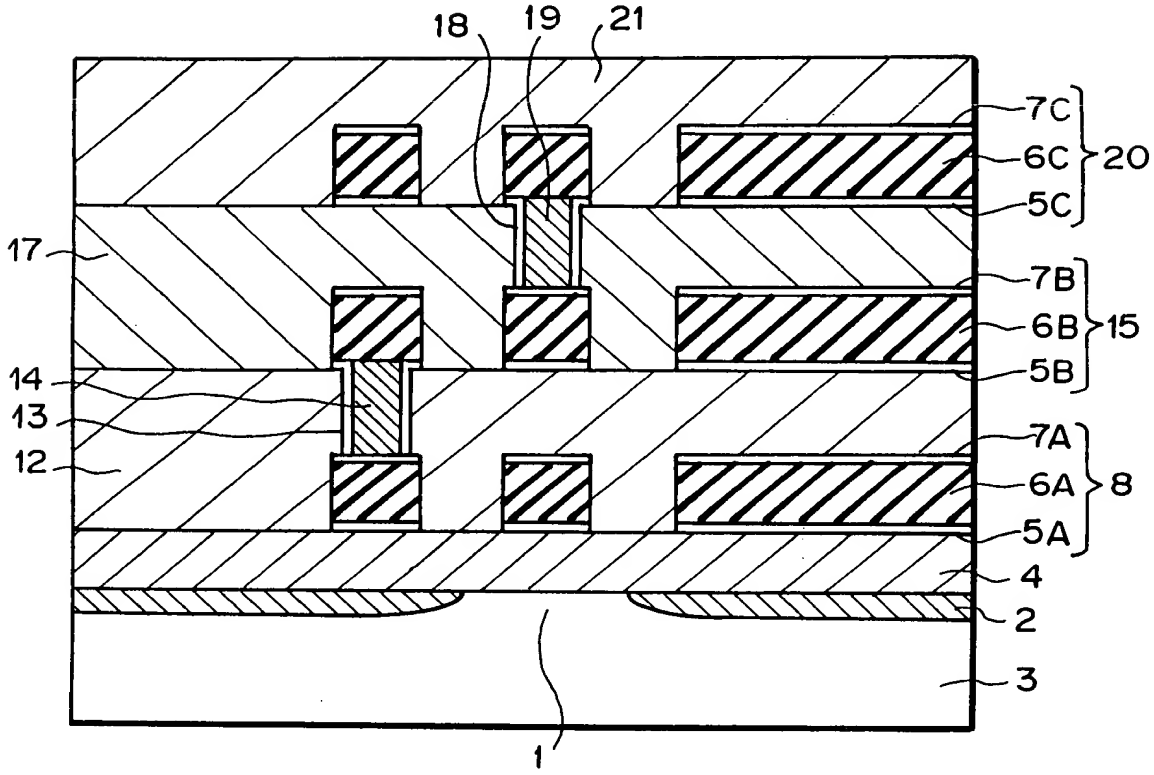

FIG. 2 (PRIOR ART)

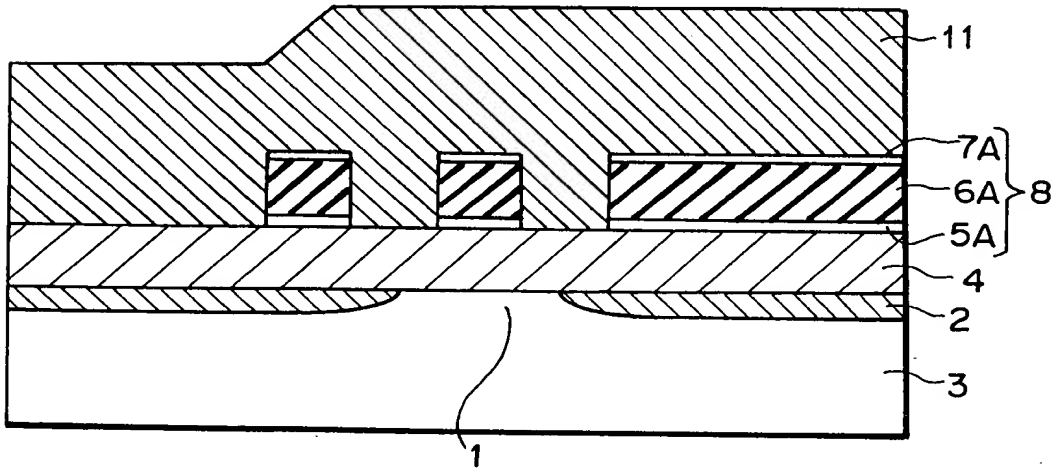

FIG. 3 (PRIOR ART)

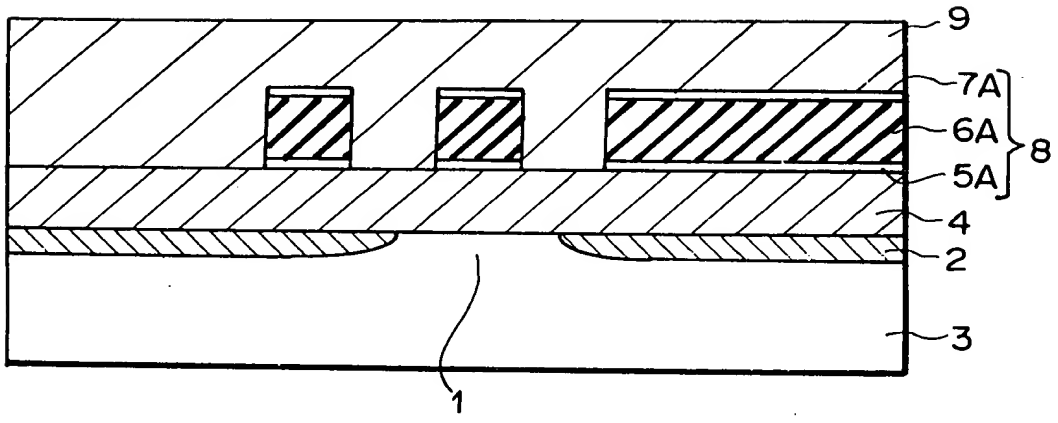

FIG. 4 (PRIOR ART)

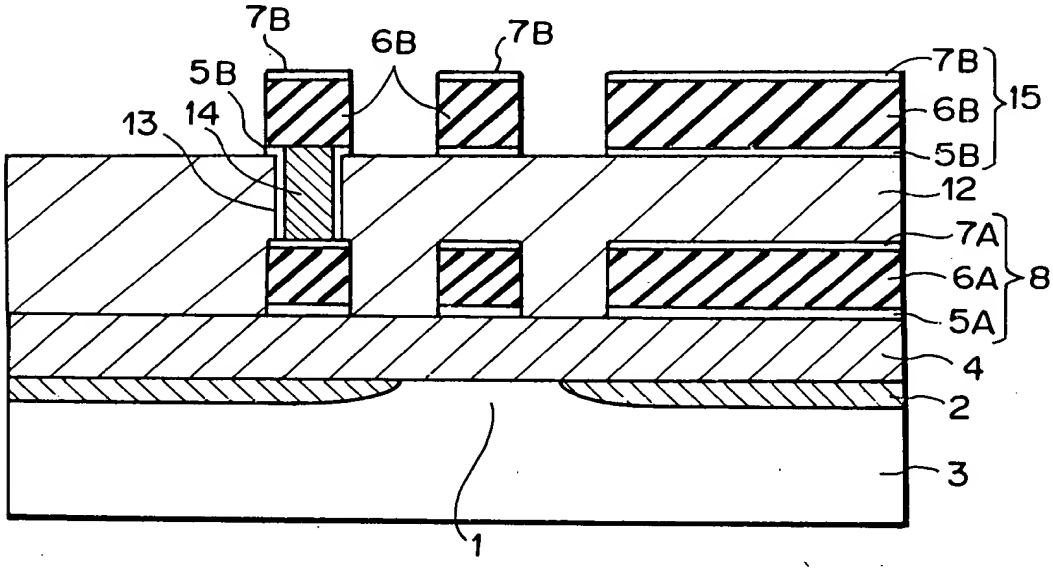

FIG.5

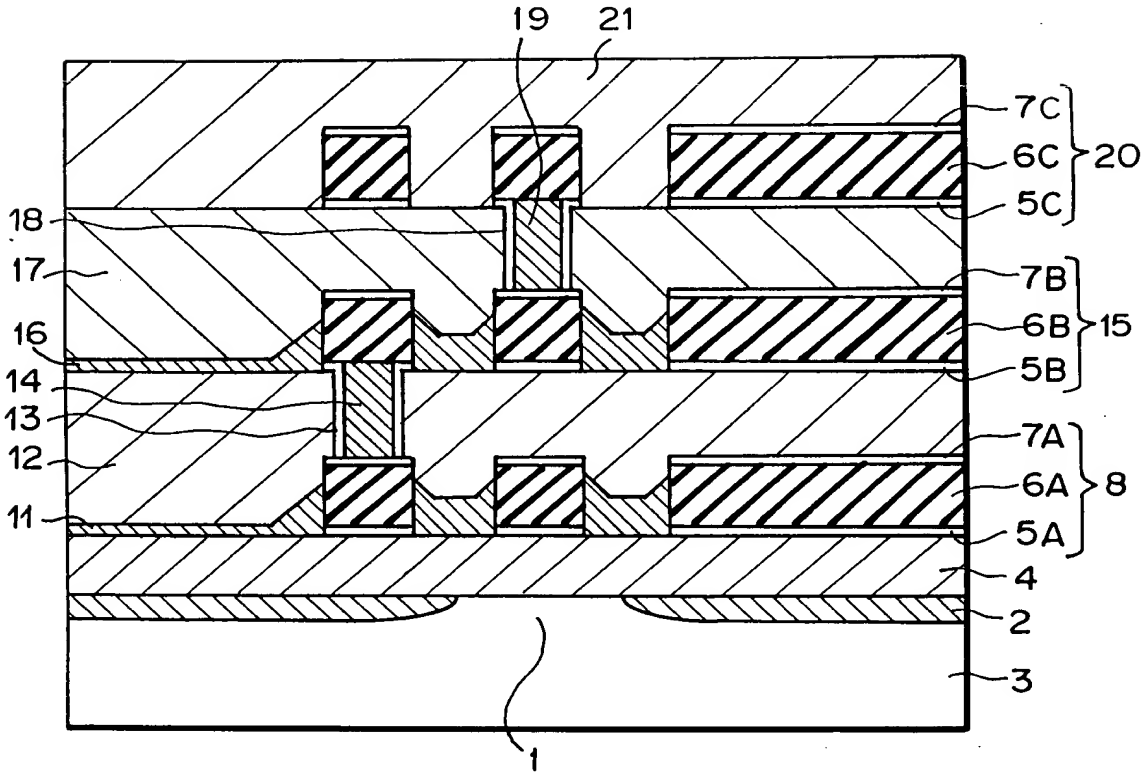
19
21
7C
6C
5C
20
18
17
7B
6B
15
16
5B
14
13
12
7A
6A
8
11
5A
4
2
3
1

FIG.6

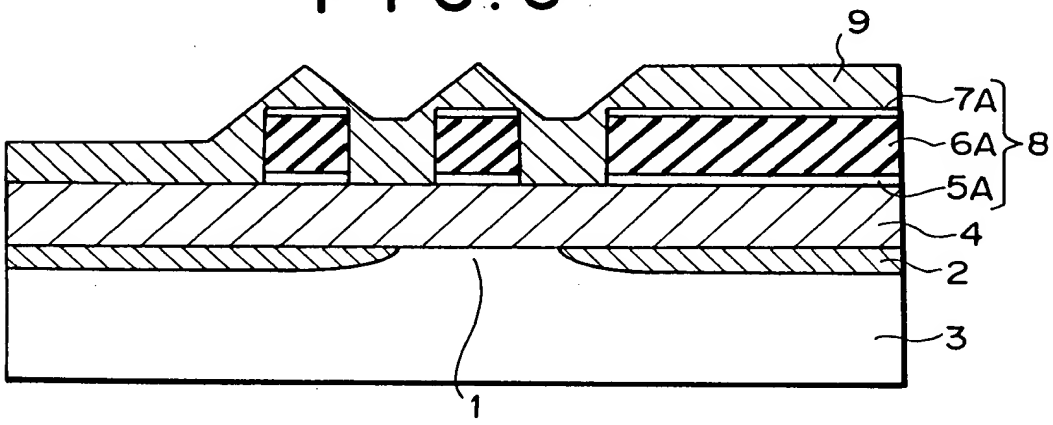
9
7A
6A
8
5A
4
2
3
1

FIG.7

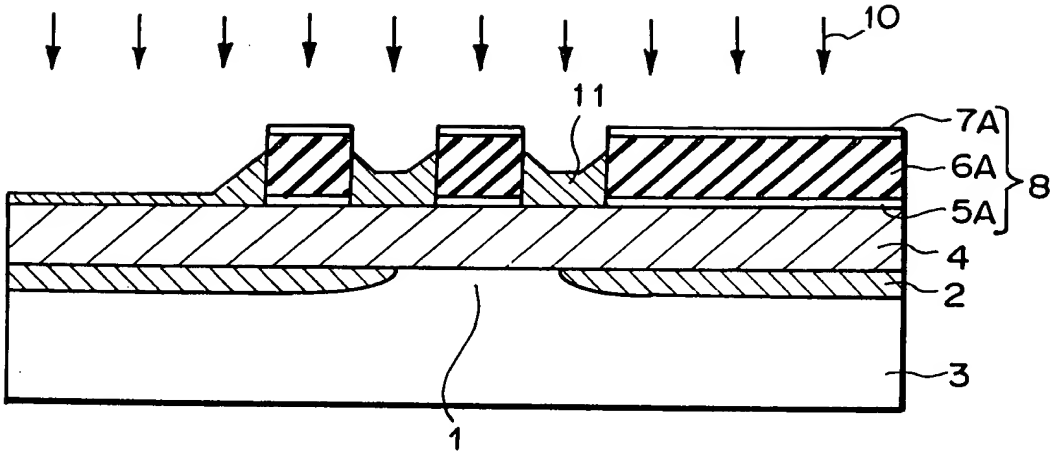

FIG.8

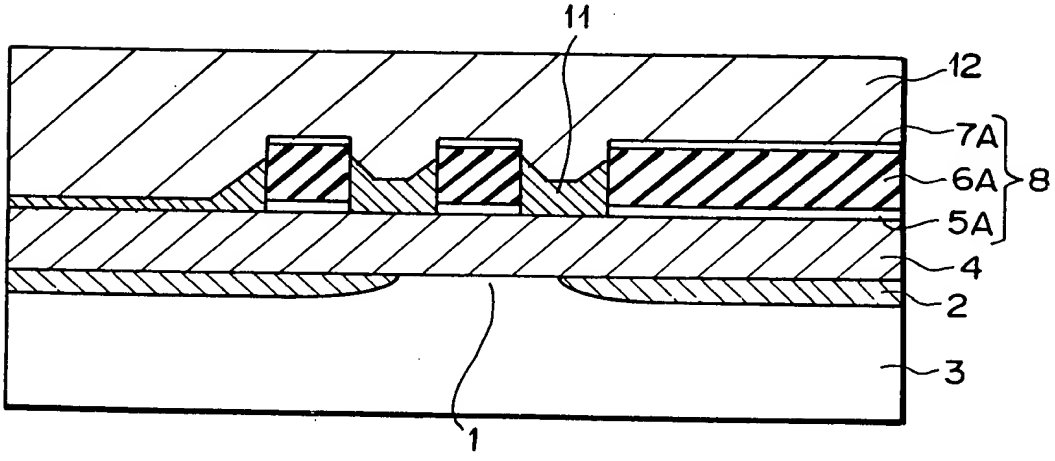

FIG.9

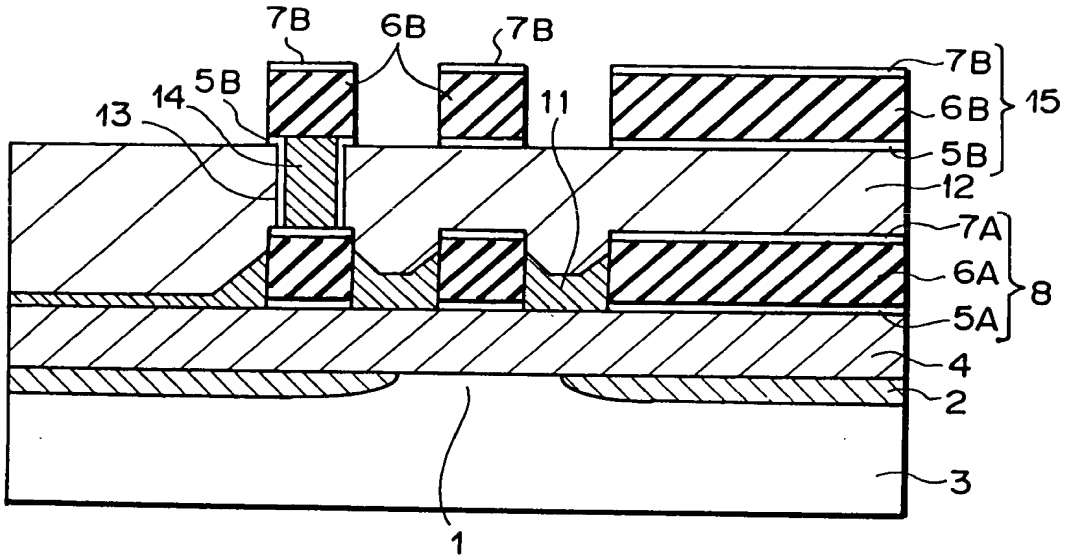

FIG.11

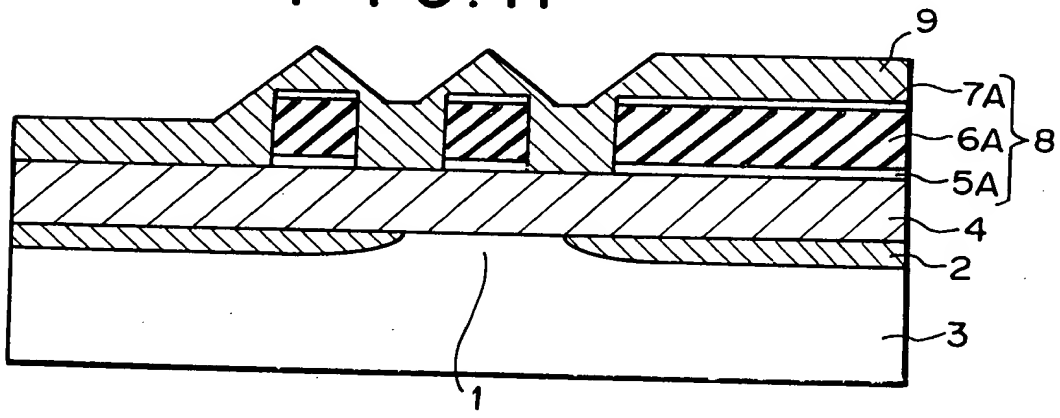

FIG.12

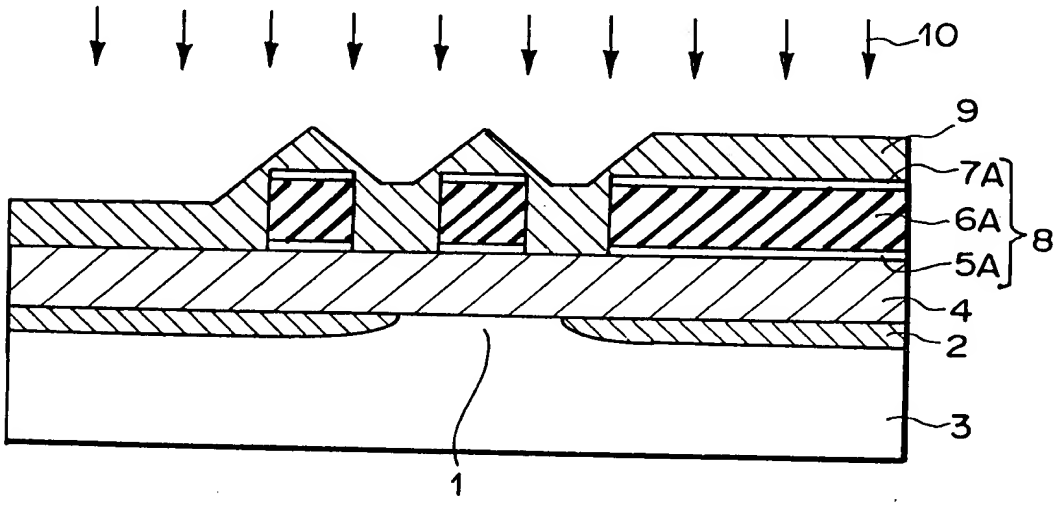

FIG.10

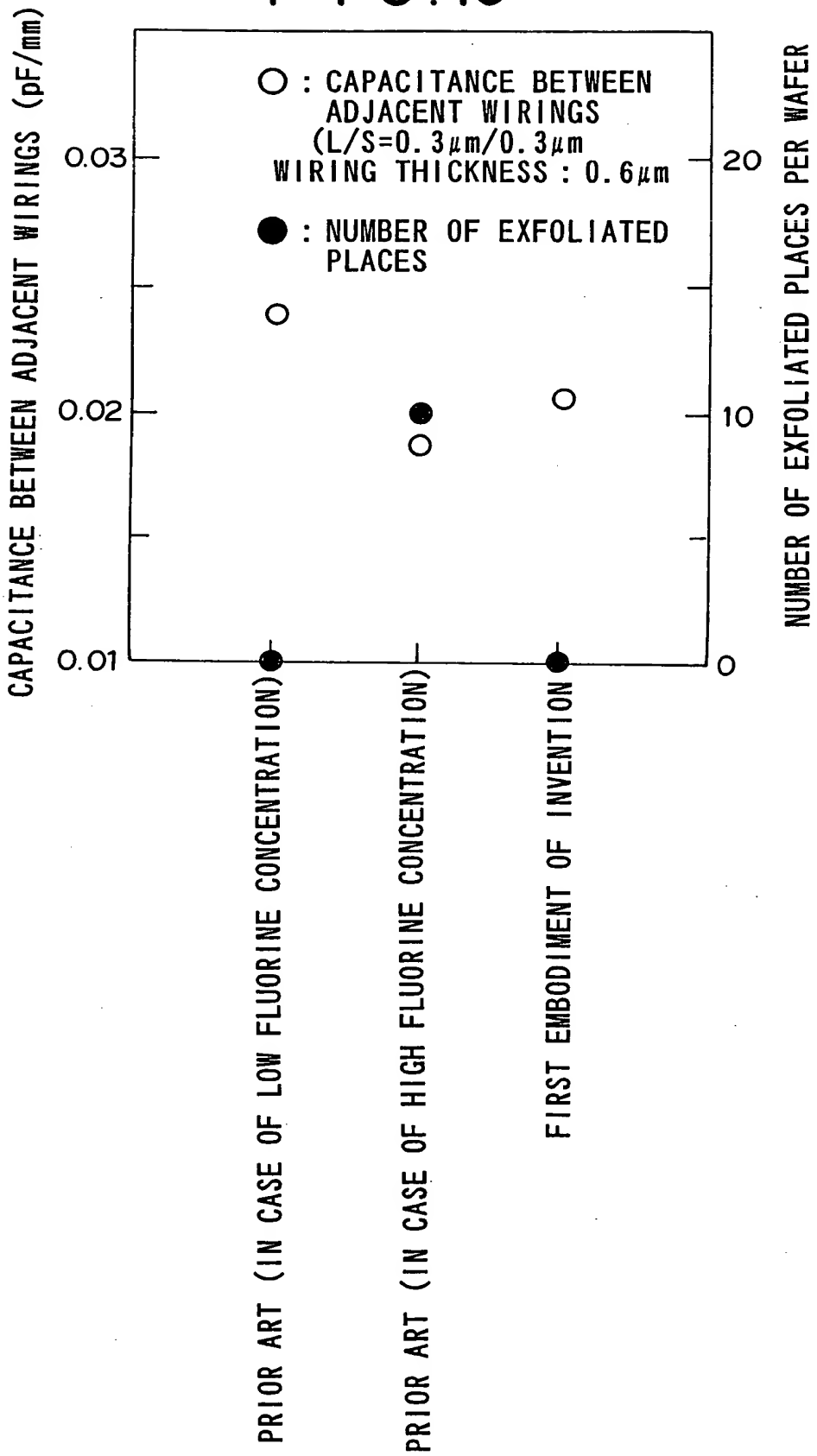
○ : CAPACITANCE BETWEEN ADJACENT WIRINGS (L/S=0.3μm/0.3μm WIRING THICKNESS : 0.6μm
● : NUMBER OF EXFOLIATED PLACES
CAPACITANCE BETWEEN ADJACENT WIRINGS (pF/mm)
0.03
0.02
0.01
NUMBER OF EXFOLIATED PLACES PER WAFER
20
10
0
PRIOR ART (IN CASE OF LOW FLUORINE CONCENTRATION)
PRIOR ART (IN CASE OF HIGH FLUORINE CONCENTRATION)
FIRST EMBODIMENT OF INVENTION

FIG. 13

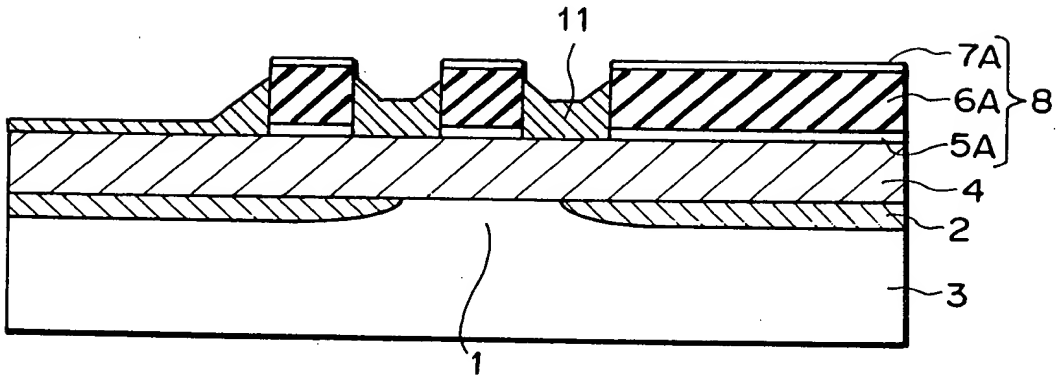

FIG. 14